

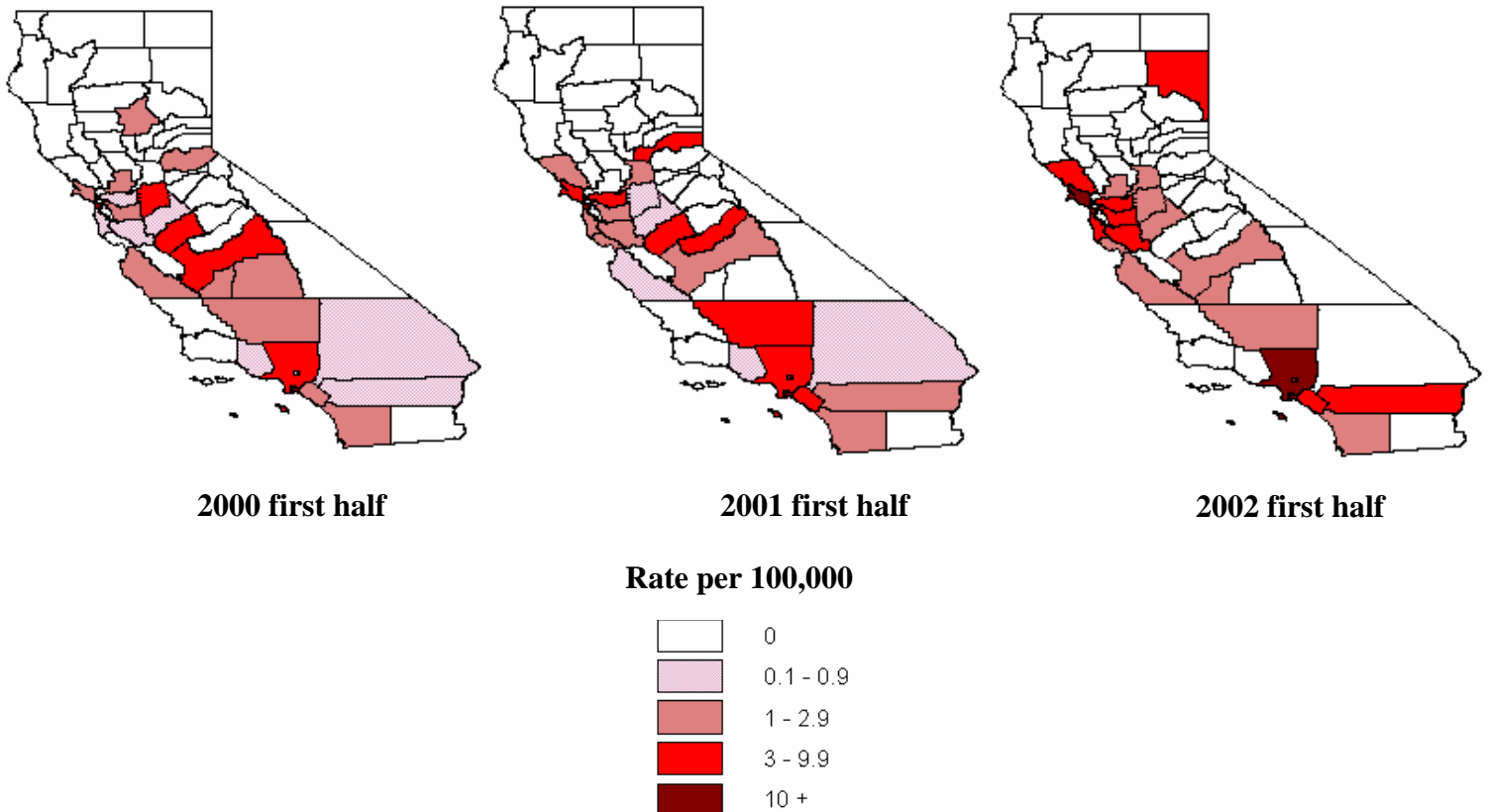
State of California Syphilis Elimination Surveillance Data

Data through June 30, 2002

California Department of Health Services
Division of Communicable Disease Control
STD Control Branch

Prepared by

Terrence Q. Lo, M.P.H.
Michael C. Samuel, Dr.P.H.



Map of Male P&S Syphilis Annualized Rates by County, first half 2000- first half 2002

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Introduction:

This document includes recent data on primary and secondary (P&S) syphilis in California. The California STD Control Branch presents these data regularly to describe the epidemiologic profile of syphilis in the state of California as a whole and regionally. This document includes analyses of P&S syphilis cases reported from January 1, 1999 through June 30, 2002 by half-year intervals. Although some tables and graphs include data from 1999, regional tables are presented from 2000 on for space considerations. Dates of cases are based on the date of test or the date of diagnosis **instead** of the date of report used in previous reports. Data from the California Project Area, Los Angeles, and San Francisco are presented. These data are provisional.

The first section of this report contains bulleted highlights for California overall and for separate regions. The second section consists of a narrative overview with figures and tables. Lastly, detailed data tables for each region are presented separately for men who have sex with men (MSM) and non-MSM cases.

If you have any comments or suggestions, please contact either Terrence Lo (510-883-6653) or Michael Samuel (510-540-2311) at the California STD Control Branch, Epidemiology and Surveillance Section or email at tlo@dhs.ca.gov or msamuel@dhs.ca.gov.

California First Half 2002 Highlights:

- In the first half of 2002, 442 primary and secondary syphilis (P&S) cases were reported in California, an increase of 96.4% (N=225) from the first half of 2001, 155.5% (N=173) from the first half of 2000, and 229.8% (N=134) from the first half of 1999.
- Over 86% (among cases with data on gender of sex partners) of P&S syphilis cases were among men who have sex with men (MSM), an increase from the first halves of 2001 (70.3%), 2000 (59.2%), and 1999 (29.0%). Nearly sixty percent of P&S syphilis cases were HIV positive (among cases with data on HIV serostatus). Among MSM cases, 64.2% were HIV positive.
- Nearly eighty percent of cases were reported from four jurisdictions: San Francisco (N=154, rate=38.8 per 100,000), Los Angeles (N=151, rate=3.3), Long Beach (N=23, rate=9.7), and Alameda (N=18, rate=2.4). San Francisco's P&S rate was nearly 12 times that of Los Angeles, the second highest rate in California in the first half of 2002.
- Overall, 59.0% (36/61) of California health jurisdictions reported no P&S syphilis in the first half of 2002. Of the jurisdictions that reported cases, 10 reported only 1 or 2 cases.

Table 1: Syphilis Elimination Indicators for Primary and Secondary (P&S) Cases, California (1999- first half 2002) by half-year intervals

| Morbidity Trend | 1999 I | 1999 II | 2000 I | 2000 II | 2001 I | 2001 II | 2002 I |
|---|-----------|------------|-----------|------------|-----------|------------|-----------|
| P&S Cases | 134 | 160 | 173 | 157 | 225 | 325 | 442 |
| California P&S Syphilis Annualized Rate ¹ | 0.8 | 1.0 | 1.0 | 0.9 | 1.3 | 1.9 | 2.5 |
| CPA only, P&S Syphilis Annualized Rate ¹ | 0.7 | 0.8 | 0.5 | 0.6 | 0.7 | 1.1 | 1.1 |
| % of syphilis-free health jurisdictions | 70.5% | 62.3% | 70.5% | 70.5% | 65.6% | 57.4% | 59.0% |
| # of counties accounting for 75% of P&S cases | 6 | 6 | 3 | 5 | 3 | 5 | 3 |
| Male:Female rate ratio ² | 3:1 | 3:1 | 5.5:1 | 5:1 | 7.5:1 | 17:1 | 23.5:1 |
| African-American:White rate ratio ² | 8:1 | 9.5:1 | 4:1 | 3.5:1 | 3.5:1 | 2:1 | 2:1 |
| Male African-American:White rate ratio ² | 7.5:1 | 7.5:1 | 3:1 | 3:1 | 3.5:1 | 2:1 | 1.5:1 |
| Female African-American:White rate ratio ² | 7.5:1 | 13:1 | 19:1 | 8.5:1 | 4:1 | 5:1 | 12:1 |
| % MSM ³ | 29.0% | 23.6% | 59.2% | 53.6% | 70.3% | 79.9% | 86.2% |

¹ Population based on the Department of Finance estimates from July 2002

² Population based on the Department of Finance estimates from December 1998

³ Among those with data available for gender of sex partners

Table 2: Characteristics of ALL P&S Syphilis Cases, California, 2000 - first half 2002

| | 2000a | | 2000b | | 2001a | | 2001b | | 2002a | |
|--|-------|------|-------|------|-------|------|-------|------|-------|------|
| | N=173 | % | N=157 | % | N=225 | % | N=325 | % | N=442 | % |
| Region | | | | | | | | | | |
| Northern CA | 2 | 1.2 | 3 | 1.9 | 5 | 2.2 | 11 | 3.4 | 5 | 1.1 |
| Bay Area (no SF) | 10 | 5.8 | 13 | 8.3 | 21 | 9.3 | 42 | 12.9 | 59 | 13.3 |
| Central | 9 | 5.2 | 15 | 9.6 | 11 | 4.9 | 16 | 4.9 | 12 | 2.7 |
| Southern CA (no LA) | 44 | 25.4 | 47 | 29.9 | 51 | 22.7 | 65 | 20.0 | 61 | 13.8 |
| San Francisco | 30 | 17.3 | 24 | 15.3 | 53 | 23.6 | 87 | 26.8 | 154 | 34.8 |
| Los Angeles | 78 | 45.1 | 55 | 35.0 | 84 | 37.3 | 104 | 32.0 | 151 | 34.2 |
| Sex | | | | | | | | | | |
| M | 150 | 86.7 | 129 | 82.2 | 202 | 89.8 | 304 | 93.5 | 426 | 96.4 |
| F | 23 | 13.3 | 28 | 17.8 | 23 | 10.2 | 21 | 6.5 | 16 | 3.6 |
| Age group | | | | | | | | | | |
| <20 | 3 | 1.7 | 4 | 2.5 | 8 | 3.6 | 10 | 3.1 | 4 | 0.9 |
| 20-24 | 13 | 7.5 | 18 | 11.5 | 14 | 6.2 | 34 | 10.5 | 20 | 4.5 |
| 25-29 | 23 | 13.3 | 20 | 12.7 | 33 | 14.7 | 41 | 12.6 | 57 | 12.9 |
| 30-34 | 38 | 22.0 | 31 | 19.7 | 43 | 19.1 | 66 | 20.3 | 74 | 16.7 |
| 35-39 | 44 | 25.4 | 31 | 19.7 | 45 | 20.0 | 78 | 24.0 | 128 | 29.0 |
| 40-44 | 21 | 12.1 | 19 | 12.1 | 38 | 16.9 | 41 | 12.6 | 74 | 16.7 |
| 45-49 | 16 | 9.2 | 13 | 8.3 | 23 | 10.2 | 30 | 9.2 | 42 | 9.5 |
| 50+ | 15 | 8.7 | 21 | 13.4 | 21 | 9.3 | 25 | 7.7 | 43 | 9.7 |
| Race | | | | | | | | | | |
| White | 69 | 39.9 | 64 | 40.8 | 93 | 41.3 | 150 | 46.2 | 228 | 51.6 |
| Latino | 57 | 32.9 | 53 | 33.8 | 73 | 32.4 | 105 | 32.3 | 120 | 27.1 |
| Black | 39 | 22.5 | 30 | 19.1 | 45 | 20.0 | 44 | 13.5 | 58 | 13.1 |
| Asian | 6 | 3.5 | 8 | 5.1 | 8 | 3.6 | 16 | 4.9 | 23 | 5.2 |
| Native American | 0 | 0.0 | 0 | 0.0 | 1 | 0.4 | 0 | 0.0 | 2 | 0.5 |
| Unknown | 2 | 1.2 | 2 | 1.3 | 5 | 2.2 | 10 | 3.1 | 11 | 2.5 |
| Gender of sex partners | | | | | | | | | | |
| Male Hetero | 41 | 23.7 | 39 | 24.8 | 40 | 17.8 | 36 | 11.1 | 39 | 8.8 |
| Male Homosexual | 79 | 45.7 | 70 | 44.6 | 139 | 61.8 | 219 | 67.4 | 309 | 69.9 |
| Male Bisexual | 11 | 6.4 | 5 | 3.2 | 10 | 4.4 | 12 | 3.7 | 29 | 6.6 |
| Female Hetero | 18 | 10.4 | 20 | 12.7 | 21 | 9.3 | 18 | 5.5 | 15 | 3.4 |
| Female Homosexual | 0 | 0.0 | 0 | 0.0 | 1 | 0.4 | 0 | 0.0 | 0 | 0.0 |
| Female Bisexual | 0 | 0.0 | 4 | 2.5 | 1 | 0.4 | 0 | 0.0 | 0 | 0.0 |
| Transgender | 3 | 1.7 | 2 | 1.3 | 0 | 0.0 | 4 | 1.2 | 0 | 0.0 |
| Male Unknown | 16 | 9.2 | 13 | 8.3 | 13 | 5.8 | 34 | 10.5 | 49 | 11.1 |
| Female Unknown | 5 | 2.9 | 4 | 2.5 | 0 | 0.0 | 2 | 0.6 | 1 | 0.2 |
| HIV status | | | | | | | | | | |
| Positive | 51 | 29.5 | 33 | 21.0 | 90 | 40.0 | 138 | 42.5 | 205 | 46.4 |
| Negative | 75 | 43.4 | 84 | 53.5 | 89 | 39.6 | 113 | 34.8 | 142 | 32.1 |
| Unknown | 47 | 27.2 | 40 | 25.5 | 46 | 20.4 | 74 | 22.8 | 95 | 21.5 |
| Received sex for \$/drugs | 7 | 4.0 | 14 | 8.9 | 14 | 6.2 | 12 | 3.7 | 15 | 3.4 |
| Received \$/drugs for sex | 21 | 12.1 | 23 | 14.6 | 18 | 8.0 | 14 | 4.3 | 21 | 4.8 |
| Any drug use | 38 | 22.0 | 40 | 25.5 | 63 | 28.0 | 94 | 28.9 | 130 | 29.4 |
| Crack | 6 | 15.8 | 14 | 35.0 | 11 | 17.5 | 7 | 7.4 | 12 | 9.2 |
| Heroin | 2 | 5.3 | 3 | 7.5 | 2 | 3.2 | 2 | 2.1 | 1 | 0.8 |
| Cocaine | 10 | 26.3 | 9 | 22.5 | 12 | 19.0 | 7 | 7.4 | 4 | 3.1 |
| Methamphetamine use | 16 | 42.1 | 16 | 40.0 | 25 | 39.7 | 35 | 37.2 | 61 | 46.9 |
| Provider | | | | | | | | | | |
| EIP/HIV care facility | 17 | 9.8 | 7 | 4.5 | 27 | 12.0 | 33 | 10.2 | 25 | 5.7 |
| STD clinic | 10 | 5.8 | 18 | 11.5 | 31 | 13.8 | 48 | 14.8 | 66 | 14.9 |
| Family Planning | 0 | 0.0 | 2 | 1.3 | 1 | 0.4 | 2 | 0.6 | 5 | 1.1 |
| Correctional facility | 8 | 4.6 | 10 | 6.4 | 8 | 3.6 | 3 | 0.9 | 3 | 0.7 |
| Public clinic | 56 | 32.4 | 47 | 29.9 | 60 | 26.7 | 59 | 18.2 | 75 | 17.0 |
| Private provider | 72 | 41.6 | 65 | 41.4 | 90 | 40.0 | 169 | 52.0 | 185 | 41.9 |
| Other provider | 10 | 5.8 | 8 | 5.1 | 8 | 3.6 | 11 | 3.4 | 36 | 8.1 |
| Unknown | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 47 | 10.6 |
| Pregnant partner? (among males) | 1 | 0.6 | 1 | 0.8 | 4 | 2.0 | 1 | 0.3 | 1 | 0.2 |
| Pregnant? (among females) | 3 | 13.0 | 1 | 3.6 | 3 | 13.0 | 6 | 28.6 | 1 | 6.3 |
| Previous syphilis? | 12 | 6.9 | 7 | 4.5 | 18 | 8.0 | 26 | 8.0 | 38 | 8.6 |
| Currently incarcerated | 8 | 4.6 | 11 | 7.0 | 8 | 3.6 | 3 | 0.9 | 4 | 0.9 |
| Past incarcerated | 16 | 9.2 | 16 | 10.2 | 14 | 6.2 | 15 | 4.6 | 10 | 2.3 |
| Condom used at last sex | 22 | 12.7 | 18 | 11.5 | 34 | 15.1 | 46 | 14.2 | 73 | 16.5 |
| Imported outside county¹ | | | | | | | | | | |
| Yes | 15 | 8.7 | 6 | 3.8 | 17 | 7.6 | 30 | 9.2 | 16 | 3.6 |
| Probable | 16 | 9.2 | 18 | 11.5 | 20 | 8.9 | 38 | 11.7 | 32 | 7.2 |
| Possible | 28 | 16.2 | 38 | 24.2 | 39 | 17.3 | 51 | 15.7 | 101 | 22.9 |
| No | 50 | 28.9 | 30 | 19.1 | 35 | 15.6 | 34 | 10.5 | 23 | 5.2 |
| Unknown | 64 | 37.0 | 65 | 41.4 | 114 | 50.7 | 172 | 52.9 | 270 | 61.1 |

¹ Importation status determined through a combination of reported interview period exposure location and residence of sex partners

Table 3: Characteristics of MSM P&S Syphilis Cases, California, 2000-first half 2002

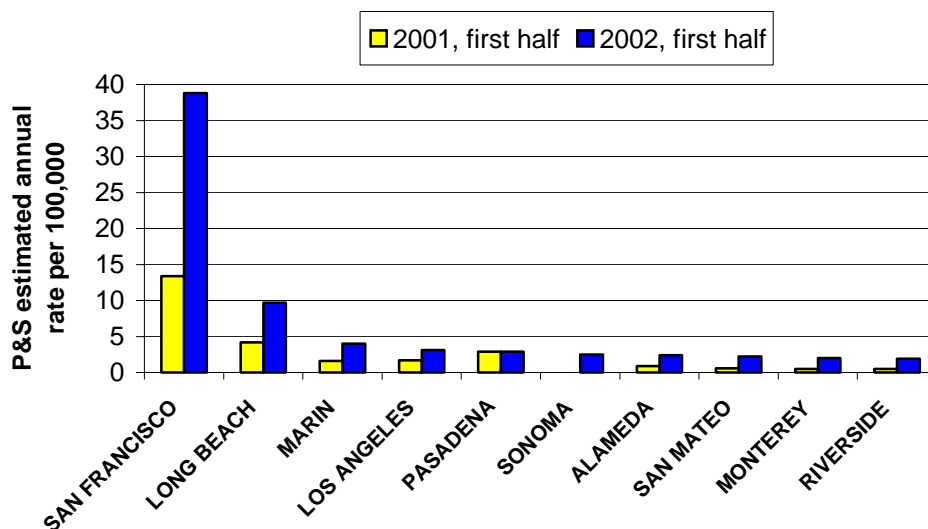
| | 2000a | | 2000b | | 2001a | | 2001b | | 2002a | |
|--|-------|------|-------|------|-------|------|-------|------|-------|------|
| | N=90 | % | N=75 | % | N=149 | % | N=231 | % | N=338 | % |
| Region | | | | | | | | | | |
| Northern CA | 0 | 0.0 | 0 | 0.0 | 2 | 1.3 | 7 | 3.0 | 5 | 1.5 |
| Bay Area (no SF) | 5 | 5.6 | 6 | 8.0 | 13 | 8.7 | 35 | 15.2 | 45 | 13.3 |
| Central | 1 | 1.1 | 2 | 2.7 | 0 | 0.0 | 7 | 3.0 | 8 | 2.4 |
| Southern CA (no LA) | 24 | 26.7 | 25 | 33.3 | 34 | 22.8 | 36 | 15.6 | 51 | 15.1 |
| San Francisco | 18 | 20.0 | 16 | 21.3 | 41 | 27.5 | 72 | 31.2 | 117 | 34.6 |
| Los Angeles | 42 | 46.7 | 26 | 34.7 | 59 | 39.6 | 74 | 32.0 | 112 | 33.1 |
| Age group | | | | | | | | | | |
| <20 | 0 | 0.0 | 1 | 1.3 | 1 | 0.7 | 4 | 1.7 | 0 | 0.0 |
| 20-24 | 5 | 5.6 | 6 | 8.0 | 7 | 4.7 | 19 | 8.2 | 13 | 3.8 |
| 25-29 | 9 | 10.0 | 8 | 10.7 | 23 | 15.4 | 31 | 13.4 | 45 | 13.3 |
| 30-34 | 25 | 27.8 | 16 | 21.3 | 34 | 22.8 | 45 | 19.5 | 57 | 16.9 |
| 35-39 | 28 | 31.1 | 21 | 28.0 | 35 | 23.5 | 61 | 26.4 | 92 | 27.2 |
| 40-44 | 11 | 12.2 | 9 | 12.0 | 27 | 18.1 | 29 | 12.6 | 62 | 18.3 |
| 45-49 | 8 | 8.9 | 6 | 8.0 | 10 | 6.7 | 23 | 10.0 | 32 | 9.5 |
| 50+ | 4 | 4.4 | 8 | 10.7 | 12 | 8.1 | 19 | 8.2 | 37 | 10.9 |
| Race | | | | | | | | | | |
| White | 45 | 50.0 | 40 | 53.3 | 73 | 49.0 | 121 | 52.4 | 192 | 56.8 |
| Latino | 26 | 28.9 | 22 | 29.3 | 40 | 26.8 | 67 | 29.0 | 85 | 25.1 |
| Black | 14 | 15.6 | 6 | 8.0 | 26 | 17.4 | 27 | 11.7 | 35 | 10.4 |
| Asian | 4 | 4.4 | 6 | 8.0 | 6 | 4.0 | 11 | 4.8 | 18 | 5.3 |
| Native American | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 2 | 0.6 |
| Unknown | 1 | 1.1 | 1 | 1.3 | 4 | 2.7 | 5 | 2.2 | 6 | 1.8 |
| Gender of sex partners | | | | | | | | | | |
| Male Homosexual | 79 | 87.8 | 70 | 93.3 | 139 | 93.3 | 219 | 94.8 | 309 | 91.4 |
| Male Bisexual | 11 | 12.2 | 5 | 6.7 | 10 | 6.7 | 12 | 5.2 | 29 | 8.6 |
| HIV status | | | | | | | | | | |
| Positive | 45 | 50.0 | 30 | 40.0 | 87 | 58.4 | 124 | 53.7 | 190 | 56.2 |
| Negative | 30 | 33.3 | 37 | 49.3 | 48 | 32.2 | 77 | 33.3 | 105 | 31.1 |
| Unknown | 15 | 16.7 | 8 | 10.7 | 14 | 9.4 | 30 | 13.0 | 43 | 12.7 |
| Anonymous partners | 47 | 52.2 | 39 | 52.0 | 96 | 64.4 | 136 | 58.9 | 219 | 64.8 |
| Any drug use | 19 | 21.1 | 18 | 24.0 | 43 | 28.9 | 72 | 31.2 | 109 | 32.2 |
| Crack | 4 | 21.1 | 3 | 16.7 | 2 | 4.7 | 3 | 4.2 | 6 | 5.5 |
| Heroin | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 1 | 0.9 |
| Cocaine | 5 | 26.3 | 2 | 11.1 | 3 | 7.0 | 3 | 4.2 | 1 | 0.9 |
| Methamphetamine use | 11 | 57.9 | 10 | 55.6 | 18 | 41.9 | 26 | 36.1 | 59 | 54.1 |
| Provider | | | | | | | | | | |
| EIP/HIV care facility | 14 | 15.6 | 6 | 8.0 | 26 | 17.4 | 31 | 13.4 | 17 | 5.0 |
| STD clinic | 5 | 5.6 | 7 | 9.3 | 22 | 14.8 | 40 | 17.3 | 58 | 17.2 |
| Family Planning | 0 | 0.0 | 1 | 1.3 | 0 | 0.0 | 1 | 0.4 | 2 | 0.6 |
| Correctional facility | 2 | 2.2 | 1 | 1.3 | 1 | 0.7 | 0 | 0.0 | 2 | 0.6 |
| Public clinic | 29 | 32.2 | 22 | 29.3 | 36 | 24.2 | 32 | 13.9 | 62 | 18.3 |
| Private provider | 38 | 42.2 | 33 | 44.0 | 63 | 42.3 | 123 | 53.2 | 132 | 39.1 |
| Other provider | 2 | 2.2 | 5 | 6.7 | 1 | 0.7 | 4 | 1.7 | 32 | 9.5 |
| Unknown | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 33 | 9.8 |
| Meets partners at | | | | | | | | | | |
| Bars/Clubs | 30 | 33.3 | 14 | 18.7 | 54 | 36.2 | 77 | 33.3 | 89 | 26.3 |
| Bathhouse | 21 | 23.3 | 16 | 21.3 | 31 | 20.8 | 44 | 19.0 | 70 | 20.7 |
| Sex clubs | 4 | 4.4 | 4 | 5.3 | 19 | 12.8 | 23 | 10.0 | 33 | 9.8 |
| Resorts | 0 | 0.0 | 0 | 0.0 | 2 | 1.3 | 3 | 1.3 | 4 | 1.2 |
| Internet | 9 | 10.0 | 9 | 12.0 | 18 | 12.1 | 43 | 18.6 | 81 | 24.0 |
| Condom used at last sex | 17 | 18.9 | 13 | 17.3 | 28 | 18.8 | 35 | 15.2 | 58 | 17.2 |
| Previous syphilis? | 9 | 10.0 | 6 | 8.0 | 14 | 9.4 | 22 | 9.5 | 33 | 9.8 |
| Imported outside county¹ | | | | | | | | | | |
| Yes | 3 | 3.3 | 3 | 4.0 | 9 | 6.0 | 22 | 9.5 | 12 | 3.6 |
| Probable | 6 | 6.7 | 8 | 10.7 | 14 | 9.4 | 26 | 11.3 | 21 | 6.2 |
| Possible | 21 | 23.3 | 27 | 36.0 | 34 | 22.8 | 46 | 19.9 | 92 | 27.2 |
| No | 30 | 33.3 | 11 | 14.7 | 17 | 11.4 | 19 | 8.2 | 19 | 5.6 |
| Unknown | 30 | 33.3 | 26 | 34.7 | 75 | 50.3 | 118 | 51.1 | 194 | 57.4 |

¹ Importation status determined through a combination of reported interview period exposure location and residence of sex partners

Overview

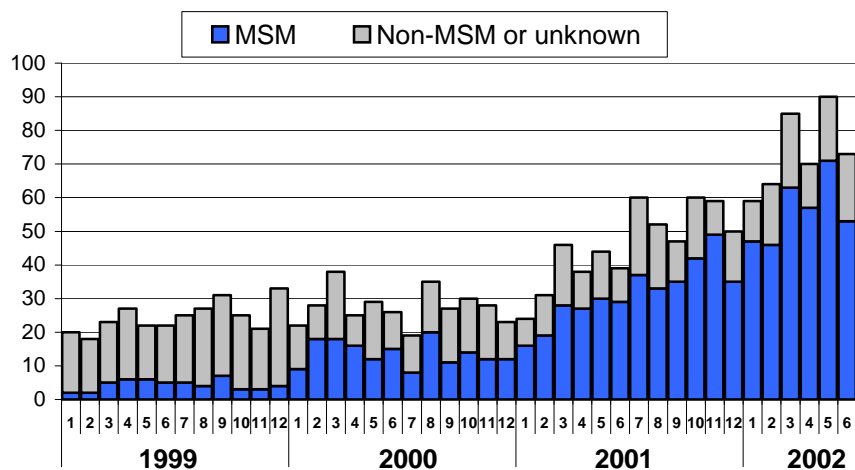
442 cases of primary and secondary (P&S) syphilis were reported in the first half of 2002 (Table 1). This represents an increase of 96.4% (N=225) from the first half of 2001 and an increase of 155.5% (N=173) from the first half of 2000. The California P&S syphilis annualized rate was 2.5 (per 100,000) for 2002, higher in comparison to 1.3 in the first half of 2001 and 1.0 in the first half of 2000 (Table 1). P&S cases were primarily over 35 years of age (64.9%), white (51.6%), and among men who have sex with men (86.2% among those with data on gender of sex partners). Of the 442 P&S syphilis cases reported in the first half of 2002, over two-thirds (69.0%) were reported by San Francisco (N=154) and Los Angeles (N=151). Both San Francisco and Los Angeles were also among the top 10 health jurisdictions for P&S syphilis annualized rates (Figure 1) for the first half of 2002. With the exception of Pasadena, all of the top ten health jurisdictions had increased annualized rates in comparison with the first half of 2001.

Figure 1: Top ten highest P&S annualized rates (per 100,000) by CA health jurisdiction, first half of 2001 versus first half of 2002



In the first half of 2002, the male:female P&S syphilis rate ratio was 23.5:1 (Table 1), over triple the 3.5:1 ratio in the first half of 2001 and over quadruple the 5.5:1 ratio in the first half of 2000. This increase in the proportion of male cases reported in California was a result of the syphilis epidemic among MSM that began in 2000. Figure 2 shows the increase of P&S MSM cases in comparison with non-MSM cases by month from 1999 through the first half of 2002.

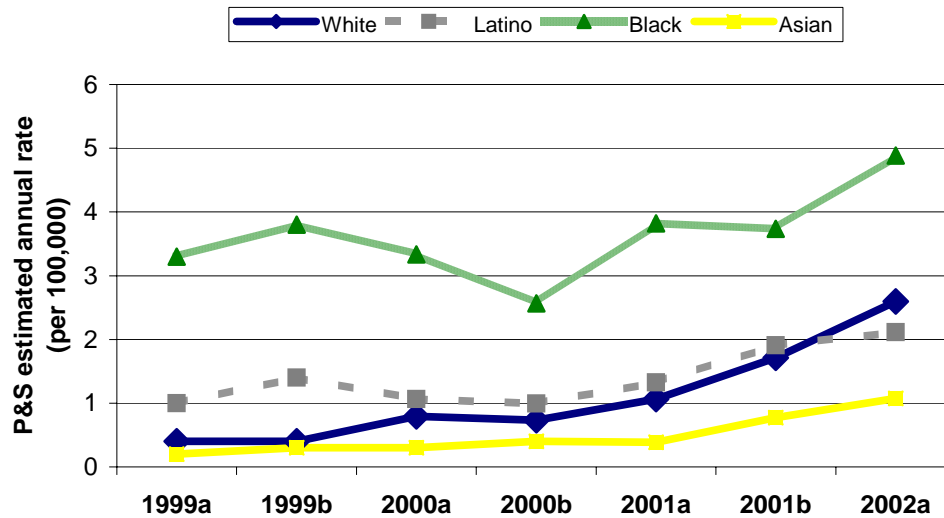
Figure 2: Increase of P&S syphilis cases, MSM¹ versus non-MSM, California, by month, 1999- first half 2002



¹ Based on gender of reported sex partners

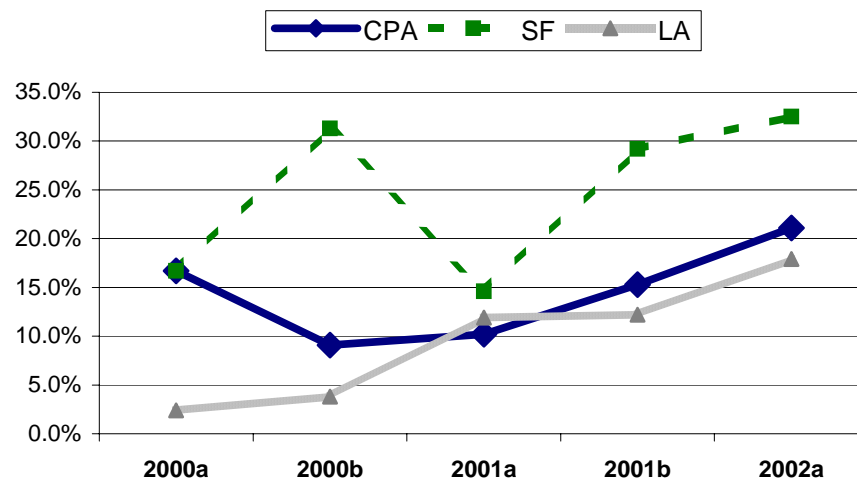
Reported primary and secondary (P&S) syphilis annualized rates by race/ethnicity are shown in Figure 3. In the first half of 2002, African-Americans had the highest P&S syphilis rate at 4.9 (per 100,000) followed by Whites at 2.6, Hispanics at 2.1, and Asians at 1.1. All ethnic groups had an increase in P&S syphilis rates (Figure 3, Table 2) over this time period.

Figure 3: Reported P&S syphilis rates (per 100,000 population) by race/ethnicity, 1999 - first half 2002



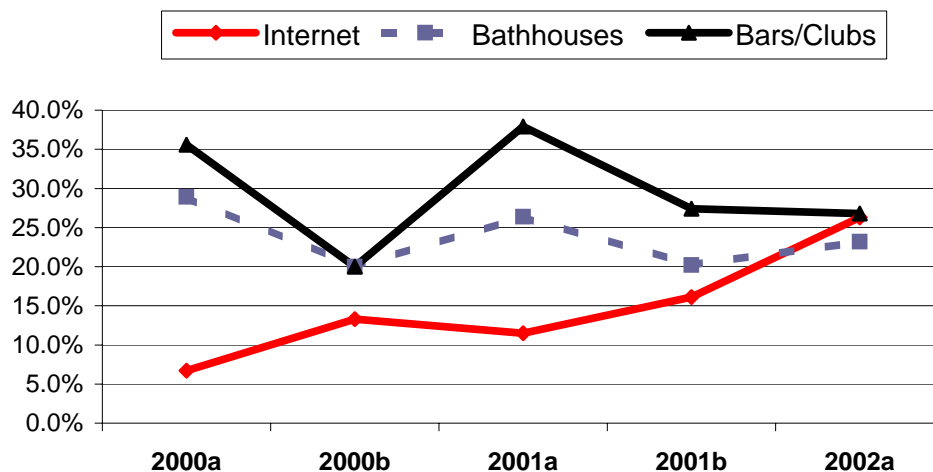
In the first half of 2002, 24.0% of all MSM P&S syphilis cases reported meeting partners through the Internet, an increase from 12.1% in the first half of 2001 and 10.0% in the first half of 2000 (Table 3). This trend for the Internet was generally increasing for both the CPA and San Francisco although only the trend for Los Angeles ($p=0.003$) was significant (Figure 4).

Figure 4: Percent of MSM P&S cases reporting meeting partners through the INTERNET, by Project Area, 2000 - first half 2002



Among HIV positive MSM P&S syphilis cases, over a quarter (26.3%) reported using the Internet to meet sex partners, an increase from 11.5% in the first half of 2001 and 6.7% in the first half of 2000 ($p<0.001$) (Figure 5).

Figure 5: Reported venues for meeting sex partners, MSM HIV positive P&S syphilis cases, 2000 - first half 2002



Additional detailed demographic data of syphilis cases by region and year are shown in Tables 4 -7. These tables also include data on key venues, drug use, HIV serostatus, and medical provider separated by region and MSM status.

Regional First-Half 2002 Highlights:

Northern Region (see pages 9-10, Tables 4a-c)

- 5 P&S syphilis cases were reported in the Northern Region, the same number as the first half in 2001 but an increase from the 2 cases reported in the first half in 2000. The Northern Region had the fewest P&S cases of any region.
- All 5 cases were MSM with 3 definitely imported and 1 possibly imported from outside their county of residence.

Bay Area Region (see pages 11-12, Tables 5a-c)

- 213 P&S syphilis cases were reported in the Bay Area Region, a 187.8% increase from the first half of 2001 (N=74) and a 432.5% increase from the first half of 2000 (N=40).
- San Francisco accounted for 72.3% (N=154) of the P&S cases for the region and 34.8% of cases for the state overall.
- P&S cases were primarily MSM (76.1%), white (60.1%), and HIV positive (59.5%, when case serostatus is available).
- Among Bay Area MSM cases, the Internet (27.8%) and Bars/Clubs (20.4%) were major venues reported for meeting partners. Use of the Internet has increased from both the first half of 2001 (11.1%) and the first half of 2000 (17.4%).
- 10.5% of the MSM cases were previously infected with syphilis, an increase from 5.6% in the first half of 2001 and 4.3% in the first half of 2000.
- 8 male bisexual cases were reported, an increase from the 2 male bisexual cases reported in the first half of 2001 and the 0 cases reported in the first half of 2000.

Central Region (see pages 13-14, Tables 6a-c)

- 12 P&S syphilis cases were reported in the Central Region, nearly the same number (N=11) of cases reported in the first half of 2001 and a 33.3% increase (N=9) from the first half of 2000.
- Over half (N=7) of P&S cases were Latino, similar to the first half of 2001 (54.5%) and the first half of 2000 (55.6%).
- The majority of cases were MSM (N=8) with none being reported in the first half of 2001 and 1 case in the first half of 2000.
- Among the 8 MSM cases, 3 resided in Monterey and 2 in Kern counties.
- Three-fourths of MSM cases reported drug use with methamphetamines being the most common. No MSM cases reported drug use in either the first half of 2001 or the first half of 2000.

Southern Region (see page 15-16, Table 7a-c)

- 212 P&S syphilis cases were reported in the Southern Region, a 57.0% (N=135) increase from the first half of 2001 and a 73.8% increase (N=122) from the first half of 2000.
- Los Angeles (N=151) accounted for 71.2% of P&S cases in the Southern Region and 34.2% for all of California. Long Beach (N=23) reported the second highest number of cases in the Southern Region.
- Riverside County reported 16 cases, a 300.0% increase from the first half of 2001 (N=4) and a substantial increase from the 1 case reported in the first half of 2000.
- Over three-fourths (N=163) of P&S cases were MSM, an increase from 68.9% (N=93) in the first half of 2001 and 54.1% (N=66) in the first half of 2000.
- Among MSM cases, Bars/Clubs (32.5%), Bathhouses (23.3%), and the Internet (20.2%) were the most commonly reported venues for meeting partners. Use of the Internet increased from the first half of 2001 (12.9%) and from the first half of 2000 (7.6%). The Southern Region was the only region to report "Resorts" as a venue with the majority of cases residing in Riverside County.

Table 4a: Health Jurisdictions of P&S Syphilis Cases, NORTHERN REGION¹, 2000 - first half 2002

| | 2000a | | 2000b | | 2001a | | 2001b | | 2002a | |
|-----------------------------|-------|------|-------|------|-------|------|-------|------|-------|------|
| | N=2 | % | N=3 | % | N=5 | % | N=11 | % | N=5 | % |
| Health Jurisdiction: | | | | | | | | | | |
| BUTTE | 1 | 50.0 | . | . | . | . | . | . | . | . |
| MARIPOSA | . | . | 1 | 33.3 | . | . | . | . | . | . |
| NEVADA | . | . | 1 | 33.3 | . | . | . | . | . | . |
| PLACER | . | . | . | . | 1 | 20.0 | 1 | 9.1 | . | . |
| SACRAMENTO | 1 | 50.0 | . | . | 1 | 20.0 | 3 | 27.3 | 3 | 60.0 |
| SAN JOAQUIN | . | . | . | . | . | . | 3 | 27.3 | 1 | 20.0 |
| STANISLAUS | . | . | 1 | 33.3 | 2 | 40.0 | 3 | 27.3 | 1 | 20.0 |
| YOLO | . | . | . | . | . | . | 1 | 9.1 | . | . |
| YUBA | . | . | . | . | 1 | 20.0 | . | . | . | . |

Table 4b: Characteristics of MSM P&S Syphilis Cases, NORTHERN REGION¹, 2000 - first half 2002, by Half-Year Intervals

| | 2000a | | 2000b | | 2001a | | 2001b | | 2002a | | 2002a | |
|--|-------|-----|-------|-----|-------|-------|-------|-------|-------|-------|-------|-----|
| | N=0 | % | N=0 | % | N=2 | % | N=7 | % | N=5 | % | N=0 | % |
| Age group | | | | | | | | | | | | |
| 20-24 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 1 | 14.3 | 0 | 0.0 | 0 | 0.0 |
| 25-29 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 1 | 14.3 | 1 | 20.0 | 0 | 0.0 |
| 30-34 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 4 | 57.1 | 3 | 60.0 | 0 | 0.0 |
| 35-39 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 1 | 14.3 | 0 | 0.0 | 0 | 0.0 |
| 45-49 | 0 | 0.0 | 0 | 0.0 | 1 | 50.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 |
| 50+ | 0 | 0.0 | 0 | 0.0 | 1 | 50.0 | 0 | 0.0 | 1 | 20.0 | 0 | 0.0 |
| Race | | | | | | | | | | | | |
| White | 0 | 0.0 | 0 | 0.0 | 1 | 50.0 | 4 | 57.1 | 4 | 80.0 | 0 | 0.0 |
| Latino | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 1 | 14.3 | 0 | 0.0 | 0 | 0.0 |
| Black | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 2 | 28.6 | 1 | 20.0 | 0 | 0.0 |
| Unknown | 0 | 0.0 | 0 | 0.0 | 1 | 50.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 |
| Gender of sex partners | | | | | | | | | | | | |
| Male Homosexual | 0 | 0.0 | 0 | 0.0 | 2 | 100.0 | 7 | 100.0 | 5 | 100.0 | 0 | 0.0 |
| HIV status | | | | | | | | | | | | |
| Positive | 0 | 0.0 | 0 | 0.0 | 2 | 100.0 | 2 | 28.6 | 1 | 20.0 | 0 | 0.0 |
| Negative | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 2 | 28.6 | 2 | 40.0 | 0 | 0.0 |
| Unknown | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 3 | 42.9 | 2 | 40.0 | 0 | 0.0 |
| Anonymous partners | 0 | 0.0 | 0 | 0.0 | 2 | 100.0 | 2 | 28.6 | 3 | 60.0 | 0 | 0.0 |
| Any drug use | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 1 | 14.3 | 2 | 40.0 | 0 | 0.0 |
| Methamphetamines | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 1 | 100.0 | 1 | 50.0 | 0 | 0.0 |
| Provider | | | | | | | | | | | | |
| EIP/HIV care facility | 0 | 0.0 | 0 | 0.0 | 1 | 50.0 | 1 | 14.3 | 0 | 0.0 | 0 | 0.0 |
| Family Planning | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 1 | 20.0 | 0 | 0.0 |
| Public clinic | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 1 | 14.3 | 2 | 40.0 | 0 | 0.0 |
| Private provider | 0 | 0.0 | 0 | 0.0 | 1 | 50.0 | 5 | 71.4 | 2 | 40.0 | 0 | 0.0 |
| Previous syphilis? | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 |
| Meets partners at | | | | | | | | | | | | |
| Bars/Clubs | 0 | 0.0 | 0 | 0.0 | 1 | 50.0 | 3 | 42.9 | 2 | 40.0 | 0 | 0.0 |
| Bathhouse | 0 | 0.0 | 0 | 0.0 | 1 | 50.0 | 1 | 14.3 | 2 | 40.0 | 0 | 0.0 |
| Sex clubs | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 |
| Internet | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 3 | 42.9 | 1 | 20.0 | 0 | 0.0 |
| Resorts | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 |
| Condom used at last sex | 0 | 0.0 | 0 | 0.0 | 1 | 50.0 | 2 | 28.6 | 2 | 40.0 | 0 | 0.0 |
| Imported outside county² | | | | | | | | | | | | |
| Yes | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 3 | 60.0 | 0 | 0.0 |
| Probable | 0 | 0.0 | 0 | 0.0 | 1 | 50.0 | 1 | 14.3 | 0 | 0.0 | 0 | 0.0 |
| Possible | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 2 | 28.6 | 1 | 20.0 | 0 | 0.0 |
| No | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 2 | 28.6 | 1 | 20.0 | 0 | 0.0 |
| Unknown | 0 | 0.0 | 0 | 0.0 | 1 | 50.0 | 2 | 28.6 | 0 | 0.0 | 0 | 0.0 |

Table 4c: Characteristics of NON-MSM and Unknown (gender of sex partners) P&S Syphilis Cases, NORTHERN REGION¹, 2000-first half 2002

| | | 2000a | | 2000b | | 2001a | | 2001b | | 2002a | |
|--|-----------------------|-------|-------|-------|-------|-------|-------|-------|------|-------|-----|
| | | N=2 | % | N=3 | % | N=3 | % | N=4 | % | N=0 | % |
| Sex | M | 1 | 50.0 | 1 | 33.3 | 1 | 33.3 | 2 | 50.0 | 0 | 0.0 |
| | F | 1 | 50.0 | 2 | 66.7 | 2 | 66.7 | 2 | 50.0 | 0 | 0.0 |
| Age group | 20-24 | 0 | 0.0 | 1 | 33.3 | 1 | 33.3 | 2 | 50.0 | 0 | 0.0 |
| | 30-34 | 0 | 0.0 | 0 | 0.0 | 1 | 33.3 | 1 | 25.0 | 0 | 0.0 |
| | 35-39 | 0 | 0.0 | 0 | 0.0 | 1 | 33.3 | 0 | 0.0 | 0 | 0.0 |
| | 40-44 | 0 | 0.0 | 1 | 33.3 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 |
| | 45-49 | 1 | 50.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 |
| | 50+ | 1 | 50.0 | 1 | 33.3 | 0 | 0.0 | 1 | 25.0 | 0 | 0.0 |
| | | | | | | | | | | | |
| Race | White | 1 | 50.0 | 1 | 33.3 | 1 | 33.3 | 2 | 50.0 | 0 | 0.0 |
| | Latino | 0 | 0.0 | 1 | 33.3 | 1 | 33.3 | 0 | 0.0 | 0 | 0.0 |
| | Black | 1 | 50.0 | 1 | 33.3 | 1 | 33.3 | 2 | 50.0 | 0 | 0.0 |
| Gender of sex partners | Male Hetero | 1 | 50.0 | 1 | 33.3 | 1 | 33.3 | 2 | 50.0 | 0 | 0.0 |
| | Female Hetero | 1 | 50.0 | 2 | 66.7 | 1 | 33.3 | 2 | 50.0 | 0 | 0.0 |
| | Female Homosexual | 0 | 0.0 | 0 | 0.0 | 1 | 33.3 | 0 | 0.0 | 0 | 0.0 |
| HIV status | Positive | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 1 | 25.0 | 0 | 0.0 |
| | Negative | 1 | 50.0 | 2 | 66.7 | 1 | 33.3 | 3 | 75.0 | 0 | 0.0 |
| | Unknown | 1 | 50.0 | 1 | 33.3 | 2 | 66.7 | 0 | 0.0 | 0 | 0.0 |
| Received sex for \$/drugs | | 0 | 0.0 | 0 | 0.0 | 1 | 33.3 | 0 | 0.0 | 0 | 0.0 |
| Received \$/drugs for sex | | 0 | 0.0 | 0 | 0.0 | 2 | 66.7 | 1 | 25.0 | 0 | 0.0 |
| Any drug use | | 0 | 0.0 | 1 | 33.3 | 2 | 66.7 | 3 | 75.0 | 0 | 0.0 |
| | Crack | 0 | 0.0 | 1 | 100.0 | 2 | 100.0 | 1 | 33.3 | 0 | 0.0 |
| | Heroin | 0 | 0.0 | 0 | 0.0 | 1 | 50.0 | 1 | 33.3 | 0 | 0.0 |
| | Cocaine | 0 | 0.0 | 0 | 0.0 | 2 | 50.0 | 0 | 0.0 | 0 | 0.0 |
| | Methamphetamines | 0 | 0.0 | 0 | 0.0 | 2 | 100.0 | 1 | 33.3 | 0 | 0.0 |
| Provider | Correctional facility | 0 | 0.0 | 1 | 33.3 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 |
| | Public clinic | 0 | 0.0 | 1 | 33.3 | 2 | 66.7 | 1 | 25.0 | 0 | 0.0 |
| | Private provider | 2 | 100.0 | 1 | 33.3 | 0 | 0.0 | 2 | 50.0 | 0 | 0.0 |
| | Other provider | 0 | 0.0 | 0 | 0.0 | 1 | 33.3 | 1 | 25.0 | 0 | 0.0 |
| Pregnant partner? (among males) | | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 50.0 | 0 | 0.0 |
| Pregnant? (among females) | | 0 | 0.0 | 0 | 0.0 | 1 | 50.0 | 1 | 50.0 | 0 | 0.0 |
| Previous syphilis? | | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 |
| Currently incarcerated | | 0 | 0.0 | 1 | 33.3 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 |
| Past incarcerated | | 0 | 0.0 | 1 | 33.3 | 1 | 33.3 | 1 | 25.0 | 0 | 0.0 |
| Condom used at last sex | | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 |
| Imported outside county² | Yes | 1 | 50.0 | 0 | 0.0 | 1 | 33.3 | 0 | 0.0 | 0 | 0.0 |
| | Probable | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 2 | 50.0 | 0 | 0.0 |
| | Possible | 1 | 50.0 | 0 | 0.0 | 0 | 0.0 | 1 | 25.0 | 0 | 0.0 |
| | No | 0 | 0.0 | 0 | 0.0 | 1 | 33.3 | 1 | 25.0 | 0 | 0.0 |
| | Unknown | 0 | 0.0 | 3 | 100.0 | 1 | 33.3 | 0 | 0.0 | 0 | 0.0 |

¹ Includes health jurisdictions of Alpine, Amador, Butte, Calaveras, Colusa, Del Norte, El Dorado, Glenn, Humboldt, Lake, Lassen, Mariposa, Mendocino, Modoc, Mono, Nevada, Placer, Plumas, Sacramento, San Joaquin, Shasta, Sierra, Siskiyou, Stanislaus, Sutter, Tehama, Trinity, Tuolumne, Yolo, Yuba

² Importation status determined through a combination of reported interview period exposure location and residence of sex partners

Table 5a: Health Jurisdictions of P&S Syphilis Cases, BAY AREA REGION¹, 2000 - first half 2002

| | 2000a | | 2000b | | 2001a | | 2001b | | 2002a | |
|-----------------------------|-------|------|-------|------|-------|------|-------|------|-------|------|
| | N=40 | % | N=37 | % | N=74 | % | N=129 | % | N=213 | % |
| Health Jurisdiction: | | | | | | | | | | |
| CONTRA COSTA | 1 | 2.5 | 0 | 0.0 | 6 | 8.1 | 6 | 4.7 | 6 | 2.8 |
| MARIN | 1 | 2.5 | 0 | 0.0 | 2 | 2.7 | 3 | 2.3 | 5 | 2.3 |
| NAPA | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 1 | 0.8 | 0 | 0.0 |
| SAN MATEO | 1 | 2.5 | 0 | 0.0 | 2 | 2.7 | 7 | 5.4 | 8 | 3.8 |
| SANTA CLARA | 0 | 0.0 | 2 | 5.4 | 4 | 5.4 | 7 | 5.4 | 13 | 6.1 |
| SOLANO | 2 | 5.0 | 1 | 2.7 | 0 | 0.0 | 0 | 0.0 | 2 | 0.9 |
| SONOMA | 0 | 0.0 | 2 | 5.4 | 0 | 0.0 | 0 | 0.0 | 6 | 2.8 |
| ALAMEDA | 5 | 12.5 | 8 | 21.6 | 7 | 9.5 | 15 | 11.6 | 18 | 8.5 |
| BERKELEY | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 3 | 2.3 | 1 | 0.5 |
| SAN FRANCISCO | 30 | 75.0 | 24 | 64.9 | 53 | 71.6 | 87 | 67.4 | 154 | 72.3 |

Table 5b: Characteristics of MSM P&S Syphilis Cases, BAY AREA REGION¹, 2000 - first half 2002

| | 2000a | | 2000b | | 2001a | | 2001b | | 2002a | |
|--|-------|-------|-------|------|-------|------|-------|------|-------|------|
| | N=23 | % | N=22 | % | N=54 | % | N=107 | % | N=162 | % |
| Age group | | | | | | | | | | |
| <20 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 2 | 1.9 | 0 | 0.0 |
| 20-24 | 1 | 4.3 | 0 | 0.0 | 0 | 0.0 | 5 | 4.7 | 5 | 3.1 |
| 25-29 | 1 | 4.3 | 5 | 22.7 | 5 | 9.3 | 10 | 9.3 | 16 | 9.9 |
| 30-34 | 6 | 26.1 | 5 | 22.7 | 11 | 20.4 | 21 | 19.6 | 22 | 13.6 |
| 35-39 | 8 | 34.8 | 5 | 22.7 | 12 | 22.2 | 32 | 29.9 | 51 | 31.5 |
| 40-44 | 3 | 13.0 | 2 | 9.1 | 16 | 29.6 | 17 | 15.9 | 29 | 17.9 |
| 45-49 | 2 | 8.7 | 1 | 4.5 | 4 | 7.4 | 10 | 9.3 | 15 | 9.3 |
| 50+ | 2 | 8.7 | 4 | 18.2 | 6 | 11.1 | 10 | 9.3 | 24 | 14.8 |
| Race | | | | | | | | | | |
| White | 14 | 60.9 | 10 | 45.5 | 32 | 59.3 | 69 | 64.5 | 105 | 64.8 |
| Latino | 4 | 17.4 | 4 | 18.2 | 8 | 14.8 | 21 | 19.6 | 32 | 19.8 |
| Black | 3 | 13.0 | 3 | 13.6 | 10 | 18.5 | 11 | 10.3 | 11 | 6.8 |
| Asian | 2 | 8.7 | 4 | 18.2 | 3 | 5.6 | 5 | 4.7 | 11 | 6.8 |
| Native American | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 1 | 0.6 |
| Unknown | 0 | 0.0 | 1 | 4.5 | 1 | 1.9 | 1 | 0.9 | 2 | 1.2 |
| Gender of sex partners | | | | | | | | | | |
| Male Homosexual | 23 | 100.0 | 21 | 95.5 | 52 | 96.3 | 106 | 99.1 | 154 | 95.1 |
| Male Bisexual | 0 | 0.0 | 1 | 4.5 | 2 | 3.7 | 1 | 0.9 | 8 | 4.9 |
| HIV status | | | | | | | | | | |
| Positive | 8 | 34.8 | 8 | 36.4 | 31 | 57.4 | 60 | 56.1 | 91 | 56.2 |
| Negative | 13 | 56.5 | 10 | 45.5 | 22 | 40.7 | 35 | 32.7 | 56 | 34.6 |
| Unknown | 2 | 8.7 | 4 | 18.2 | 1 | 1.9 | 12 | 11.2 | 15 | 9.3 |
| Anonymous partners | 11 | 47.8 | 10 | 45.5 | 32 | 59.3 | 57 | 53.3 | 89 | 54.9 |
| Any drug use | 2 | 8.7 | 5 | 22.7 | 19 | 35.2 | 27 | 25.2 | 64 | 39.5 |
| Crack | 0 | 0.0 | 2 | 40.0 | 1 | 5.3 | 1 | 3.7 | 2 | 3.1 |
| Heroin | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 |
| Cocaine | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 1 | 3.7 | 0 | 0.0 |
| Methamphetamines | 0 | 0.0 | 3 | 60.0 | 10 | 52.6 | 11 | 40.7 | 34 | 53.1 |
| Provider | | | | | | | | | | |
| EIP/HIV care facility | 1 | 4.3 | 0 | 0.0 | 4 | 7.4 | 6 | 5.6 | 6 | 3.7 |
| STD clinic | 5 | 21.7 | 6 | 27.3 | 22 | 40.7 | 31 | 29.0 | 56 | 34.6 |
| Family Planning | 0 | 0.0 | 1 | 4.5 | 0 | 0.0 | 0 | 0.0 | 1 | 0.6 |
| Correctional facility | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 2 | 1.2 |
| Public clinic | 5 | 21.7 | 4 | 18.2 | 8 | 14.8 | 8 | 7.5 | 11 | 6.8 |
| Private provider | 11 | 47.8 | 10 | 45.5 | 20 | 37.0 | 60 | 56.1 | 77 | 47.5 |
| Other provider | 1 | 4.3 | 1 | 4.5 | 0 | 0.0 | 2 | 1.9 | 9 | 5.6 |
| Previous syphilis? | 1 | 4.3 | 0 | 0.0 | 3 | 5.6 | 6 | 5.6 | 17 | 10.5 |
| Meets Partners at | | | | | | | | | | |
| Bars/Clubs | 4 | 17.4 | 1 | 4.5 | 16 | 29.6 | 24 | 22.4 | 33 | 20.4 |
| Bathhouse | 3 | 13.0 | 9 | 40.9 | 14 | 25.9 | 19 | 17.8 | 30 | 18.5 |
| Sex clubs | 3 | 13.0 | 4 | 18.2 | 13 | 24.1 | 15 | 14.0 | 22 | 13.6 |
| Internet | 4 | 17.4 | 6 | 27.3 | 6 | 11.1 | 24 | 22.4 | 45 | 27.8 |
| Resorts | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 |
| Condom used at last sex | 3 | 13.0 | 1 | 4.5 | 3 | 5.6 | 1 | 0.9 | 8 | 4.9 |
| Imported outside county² | | | | | | | | | | |
| Yes | 1 | 4.3 | 1 | 4.5 | 6 | 11.1 | 8 | 7.5 | 1 | 0.6 |
| Probable | 4 | 17.4 | 0 | 0.0 | 3 | 5.6 | 10 | 9.3 | 10 | 6.2 |
| Possible | 7 | 30.4 | 11 | 50.0 | 15 | 27.8 | 29 | 27.1 | 50 | 30.9 |
| No | 0 | 0.0 | 1 | 4.5 | 3 | 5.6 | 5 | 4.7 | 2 | 1.2 |
| Unknown | 11 | 47.8 | 9 | 40.9 | 27 | 50.0 | 55 | 51.4 | 99 | 61.1 |

Table 5c: Characteristics of NON-MSM and Unknown (gender of sex partners) P&S Syphilis Cases, BAY AREA REGION¹, 2000 - first half 2002

| | | 2000a | | 2000b | | 2001a | | 2001b | | 2002a | |
|--|-----------------------|-------|------|-------|------|-------|------|-------|------|-------|------|
| | | N=17 | % | N=15 | % | N=20 | % | N=22 | % | N=51 | % |
| Sex | M | 13 | 76.5 | 9 | 60.0 | 19 | 95.0 | 16 | 72.7 | 48 | 94.1 |
| | F | 4 | 23.5 | 6 | 40.0 | 1 | 5.0 | 6 | 27.3 | 3 | 5.9 |
| Age group | <20 | 1 | 5.9 | 2 | 13.3 | 0 | 0.0 | 3 | 13.6 | 2 | 3.9 |
| | 20-24 | 1 | 5.9 | 2 | 13.3 | 1 | 5.0 | 1 | 4.5 | 3 | 5.9 |
| | 25-29 | 3 | 17.6 | 2 | 13.3 | 4 | 20.0 | 2 | 9.1 | 5 | 9.8 |
| | 30-34 | 5 | 29.4 | 3 | 20.0 | 2 | 10.0 | 3 | 13.6 | 9 | 17.6 |
| | 35-39 | 2 | 11.8 | 2 | 13.3 | 4 | 20.0 | 3 | 13.6 | 20 | 39.2 |
| | 40-44 | 2 | 11.8 | 1 | 6.7 | 2 | 10.0 | 5 | 22.7 | 6 | 11.8 |
| | 45-49 | 0 | 0.0 | 1 | 6.7 | 3 | 15.0 | 3 | 13.6 | 5 | 9.8 |
| | 50+ | 3 | 17.6 | 2 | 13.3 | 4 | 20.0 | 2 | 9.1 | 1 | 2.0 |
| Race | White | 10 | 58.8 | 7 | 46.7 | 9 | 45.0 | 10 | 45.5 | 23 | 45.1 |
| | Latino | 3 | 17.6 | 4 | 26.7 | 3 | 15.0 | 4 | 18.2 | 15 | 29.4 |
| | Black | 4 | 23.5 | 2 | 13.3 | 5 | 25.0 | 2 | 9.1 | 8 | 15.7 |
| | Asian | 0 | 0.0 | 2 | 13.3 | 2 | 10.0 | 4 | 18.2 | 2 | 3.9 |
| | Unknown | 0 | 0.0 | 0 | 0.0 | 1 | 5.0 | 2 | 9.1 | 3 | 5.9 |
| Gender of sex partners | Male Hetero | 8 | 47.1 | 5 | 33.3 | 10 | 50.0 | 6 | 27.3 | 14 | 27.5 |
| | Female Hetero | 3 | 17.6 | 5 | 33.3 | 1 | 5.0 | 4 | 18.2 | 3 | 5.9 |
| | Female Bisexual | 0 | 0.0 | 1 | 6.7 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 |
| | Transgender | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 1 | 4.5 | 0 | 0.0 |
| | Male Unknown | 5 | 29.4 | 4 | 26.7 | 9 | 45.0 | 10 | 45.5 | 34 | 66.7 |
| | Female Unknown | 1 | 5.9 | 0 | 0.0 | 0 | 0.0 | 1 | 4.5 | 0 | 0.0 |
| HIV status | Positive | 3 | 17.6 | 1 | 6.7 | 2 | 10.0 | 5 | 22.7 | 9 | 17.6 |
| | Negative | 11 | 64.7 | 9 | 60.0 | 9 | 45.0 | 8 | 36.4 | 12 | 23.5 |
| | Unknown | 3 | 17.6 | 5 | 33.3 | 9 | 45.0 | 9 | 40.9 | 30 | 58.8 |
| Received sex for \$/drugs | | 1 | 5.9 | 2 | 13.3 | 1 | 5.0 | 2 | 9.1 | 2 | 3.9 |
| Received \$/drugs for sex | | 3 | 17.6 | 2 | 13.3 | 2 | 10.0 | 2 | 9.1 | 5 | 9.8 |
| Any drug use | | 5 | 29.4 | 4 | 26.7 | 5 | 25.0 | 4 | 18.2 | 8 | 15.7 |
| | Crack | 1 | 20.0 | 1 | 25.0 | 1 | 20.0 | 1 | 25.0 | 2 | 25.0 |
| | Heroin | 0 | 0.0 | 1 | 25.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 |
| | Cocaine | 0 | 0.0 | 2 | 50.0 | 0 | 0.0 | 0 | 0.0 | 2 | 25.0 |
| | Methamphetamines | 3 | 60.0 | 1 | 25.0 | 1 | 20.0 | 2 | 50.0 | 1 | 12.5 |
| Provider | EIP/HIV care facility | 2 | 11.8 | 0 | 0.0 | 0 | 0.0 | 1 | 4.5 | 4 | 7.8 |
| | STD clinic | 2 | 11.8 | 4 | 26.7 | 4 | 20.0 | 3 | 13.6 | 7 | 13.7 |
| | Family Planning | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 1 | 2.0 |
| | Correctional facility | 1 | 5.9 | 1 | 6.7 | 2 | 10.0 | 0 | 0.0 | 0 | 0.0 |
| | Public clinic | 4 | 23.5 | 0 | 0.0 | 3 | 15.0 | 5 | 22.7 | 3 | 5.9 |
| | Private provider | 7 | 41.2 | 8 | 53.3 | 8 | 40.0 | 12 | 54.5 | 36 | 70.6 |
| | Other provider | 1 | 5.9 | 2 | 13.3 | 3 | 15.0 | 1 | 4.5 | 0 | 0.0 |
| Pregnant partner? (among males) | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0.0 | 0 | 0.0 |
| Pregnant? (among females) | | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 1 | 16.7 | 0 | 0.0 |
| Previous syphilis? | | 1 | 5.9 | 0 | 0.0 | 1 | 5.0 | 1 | 4.5 | 3 | 5.9 |
| Currently incarcerated | | 0 | 0.0 | 1 | 6.7 | 1 | 5.0 | 0 | 0.0 | 0 | 0.0 |
| Past incarcerated | | 1 | 5.9 | 1 | 6.7 | 1 | 5.0 | 0 | 0.0 | 3 | 5.9 |
| Condom used at last sex | | 1 | 5.9 | 1 | 6.7 | 0 | 0.0 | 1 | 4.5 | 3 | 5.9 |
| Imported outside county | Yes | 1 | 5.9 | 2 | 13.3 | 4 | 20.0 | 2 | 9.1 | 1 | 2.0 |
| | Probable | 1 | 5.9 | 1 | 6.7 | 2 | 10.0 | 1 | 4.5 | 5 | 9.8 |
| | Possible | 2 | 11.8 | 3 | 20.0 | 1 | 5.0 | 3 | 13.6 | 3 | 5.9 |
| | No | 3 | 17.6 | 2 | 13.3 | 1 | 5.0 | 3 | 13.6 | 0 | 0.0 |
| | Unknown | 10 | 58.8 | 7 | 46.7 | 12 | 60.0 | 13 | 59.1 | 42 | 82.4 |

¹ Includes health jurisdictions of Alameda, Berkeley, Contra Costa, Marin, Napa, San Mateo, San Francisco, Santa Clara, Solano, Sonoma

² Importation status determined through a combination of reported interview period exposure location and residence of sex partners

Table 6a: Health Jurisdictions of P&S Syphilis Cases, CENTRAL REGION¹, 2000 - first half 2002

| | 2000a | | 2000b | | 2001a | | 2001b | | 2002a | |
|-----------------------------|-------|------|-------|------|-------|------|-------|------|-------|------|
| | N=9 | % | N=15 | % | N=11 | % | N=16 | % | N=12 | % |
| Health Jurisdiction: | | | | | | | | | | |
| FRESNO | 0 | 0.0 | 3 | 20.0 | 2 | 18.2 | 2 | 12.5 | 1 | 8.3 |
| KERN | 2 | 22.2 | 5 | 33.3 | 5 | 45.5 | 5 | 31.3 | 4 | 33.3 |
| KINGS | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 3 | 18.8 | 1 | 8.3 |
| MADERA | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 1 | 8.3 |
| MERCED | 4 | 44.4 | 6 | 40.0 | 3 | 27.3 | 2 | 12.5 | 0 | 0.0 |
| MONTEREY | 2 | 22.2 | 0 | 0.0 | 1 | 9.1 | 0 | 0.0 | 4 | 33.3 |
| SANTA BARBARA | 0 | 0.0 | 1 | 6.7 | 0 | 0.0 | 3 | 18.8 | 0 | 0.0 |
| SANTA CRUZ | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 1 | 8.3 |
| VENTURA | 1 | 11.1 | 0 | 0.0 | 0 | 0.0 | 1 | 6.3 | 0 | 0.0 |

Table 6b: Characteristics of MSM P&S Syphilis Cases, CENTRAL REGION¹, 2000 - first half 2002

| | 2000a | | 2000b | | 2001a | | 2001b | | 2002a | |
|--------------------------------|-------|-------|-------|-------|-------|-----|-------|------|-------|------|
| | N=1 | % | N=2 | % | N=0 | % | N=7 | % | N=8 | % |
| Age group | | | | | | | | | | |
| 20-24 | 0 | 0.0 | 1 | 50.0 | 0 | 0.0 | 1 | 14.3 | 0 | 0.0 |
| 25-29 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 2 | 28.6 | 1 | 12.5 |
| 30-34 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 1 | 14.3 | 0 | 0.0 |
| 35-39 | 1 | 100.0 | 1 | 50.0 | 0 | 0.0 | 2 | 28.6 | 4 | 50.0 |
| 40-44 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 2 | 25.0 |
| 45-49 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 1 | 12.5 |
| 50+ | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 1 | 14.3 | 0 | 0.0 |
| Race | | | | | | | | | | |
| White | 1 | 100.0 | 1 | 50.0 | 0 | 0.0 | 1 | 14.3 | 3 | 37.5 |
| Latino | 0 | 0.0 | 1 | 50.0 | 0 | 0.0 | 5 | 71.4 | 4 | 50.0 |
| Black | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 1 | 14.3 | 1 | 12.5 |
| Gender of sex partners | | | | | | | | | | |
| Male Homosexual | 1 | 100.0 | 2 | 100.0 | 0 | 0.0 | 6 | 85.7 | 6 | 75.0 |
| Male Bisexual | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 1 | 14.3 | 2 | 25.0 |
| HIV status | | | | | | | | | | |
| Positive | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 2 | 28.6 | 5 | 62.5 |
| Negative | 0 | 0.0 | 1 | 50.0 | 0 | 0.0 | 3 | 42.9 | 0 | 0.0 |
| Unknown | 1 | 100.0 | 1 | 50.0 | 0 | 0.0 | 2 | 28.6 | 3 | 37.5 |
| Anonymous partners | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 4 | 57.1 | 5 | 62.5 |
| Any drug use | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 6 | 75.0 |
| Crack | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 |
| Heroin | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 |
| Cocaine | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 |
| Methamphetamines | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 4 | 66.0 |
| Provider | | | | | | | | | | |
| STD clinic | 0 | 0.0 | 1 | 50.0 | 0 | 0.0 | 2 | 28.6 | 2 | 25.0 |
| Family Planning | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 1 | 14.3 | 0 | 0.0 |
| Public clinic | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 1 | 12.5 |
| Private provider | 1 | 100.0 | 1 | 50.0 | 0 | 0.0 | 4 | 57.1 | 4 | 50.0 |
| Other provider | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 1 | 12.5 |
| Previous syphilis? | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 1 | 12.5 |
| Meets partners at | | | | | 0 | | | | | |
| Bars/Clubs | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 2 | 28.6 | 1 | 12.5 |
| Bathhouse | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 1 | 14.3 | 0 | 0.0 |
| Sex clubs | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 |
| Internet | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 1 | 14.3 | 2 | 25.0 |
| Resorts | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 |
| Condom used at last sex | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 3 | 42.9 | 2 | 25.0 |
| Imported outside county | | | | | | | | | | |
| Yes | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 2 | 28.6 | 3 | 37.5 |
| Probable | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 2 | 28.6 | 1 | 12.5 |
| Possible | 0 | 0.0 | 1 | 50.0 | 0 | 0.0 | 1 | 14.3 | 2 | 25.0 |
| No | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 1 | 14.3 | 1 | 12.5 |
| Unknown | 1 | 100.0 | 1 | 50.0 | 0 | 0.0 | 1 | 14.3 | 1 | 12.5 |

Table 6c: Characteristics of NON-MSM and Unknown (gender of sex partners) P&S Syphilis Cases, CENTRAL REGION¹, 2000 - first half 2002

| | | 2000a | | 2000b | | 2001a | | 2001b | | 2002a | |
|---------------------------------|-----------------------|-------|-------|-------|-------|-------|------|-------|-------|-------|-------|
| | | N=8 | % | N=13 | % | N=11 | % | N=9 | % | N=4 | % |
| Sex | M | 8 | 100.0 | 10 | 76.9 | 6 | 54.5 | 5 | 55.6 | 2 | 50.0 |
| | F | 0 | 0.0 | 3 | 23.1 | 5 | 45.5 | 4 | 44.4 | 2 | 50.0 |
| Age group | <20 | 0 | 0.0 | 0 | 0.0 | 2 | 18.2 | 0 | 0.0 | 1 | 25.0 |
| | 20-24 | 1 | 12.5 | 0 | 0.0 | 1 | 9.1 | 3 | 33.3 | 0 | 0.0 |
| | 25-29 | 0 | 0.0 | 2 | 15.4 | 1 | 9.1 | 2 | 22.2 | 1 | 25.0 |
| | 30-34 | 0 | 0.0 | 2 | 15.4 | 3 | 27.3 | 2 | 22.2 | 1 | 25.0 |
| | 35-39 | 4 | 50.0 | 0 | 0.0 | 0 | 0.0 | 2 | 22.2 | 1 | 25.0 |
| | 40-44 | 0 | 0.0 | 4 | 30.8 | 1 | 9.1 | 0 | 0.0 | 0 | 0.0 |
| | 45-49 | 1 | 12.5 | 2 | 15.4 | 1 | 9.1 | 0 | 0.0 | 0 | 0.0 |
| | 50+ | 2 | 25.0 | 3 | 23.1 | 2 | 18.2 | 0 | 0.0 | 0 | 0.0 |
| Race | White | 2 | 25.0 | 3 | 23.1 | 2 | 18.2 | 1 | 11.1 | 0 | 0.0 |
| | Latino | 5 | 62.5 | 3 | 23.1 | 6 | 54.5 | 7 | 77.8 | 3 | 75.0 |
| | Black | 1 | 12.5 | 7 | 53.8 | 2 | 18.2 | 1 | 11.1 | 0 | 0.0 |
| | Asian | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 1 | 25.0 |
| | Native American | 0 | 0.0 | 0 | 0.0 | 1 | 9.1 | 0 | 0.0 | 0 | 0.0 |
| Gender of sex partners | Male Hetero | 7 | 87.5 | 9 | 69.2 | 6 | 54.5 | 2 | 22.2 | 2 | 50.0 |
| | Female Hetero | 0 | 0.0 | 2 | 15.4 | 5 | 45.5 | 4 | 44.4 | 2 | 50.0 |
| | Female Bisexual | 0 | 0.0 | 1 | 7.7 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 |
| | Male Unknown | 1 | 12.5 | 1 | 7.7 | 0 | 0.0 | 3 | 33.3 | 0 | 0.0 |
| HIV status | Positive | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 1 | 11.1 | 0 | 0.0 |
| | Negative | 5 | 62.5 | 10 | 76.9 | 8 | 72.7 | 2 | 22.2 | 3 | 75.0 |
| | Unknown | 3 | 37.5 | 3 | 23.1 | 3 | 27.3 | 6 | 66.7 | 1 | 25.0 |
| Received sex for \$/drugs | | 2 | 25.0 | 3 | 23.1 | 3 | 27.3 | 0 | 0.0 | 0 | 0.0 |
| Received \$/drugs for sex | | 4 | 50.0 | 7 | 53.8 | 3 | 27.3 | 1 | 11.1 | 0 | 0.0 |
| Any drug use | | 3 | 37.5 | 6 | 46.2 | 5 | 45.5 | 3 | 33.3 | 1 | 25.0 |
| | Crack | 0 | 0.0 | 6 | 100.0 | 2 | 40.0 | 0 | 0.0 | 1 | 100.0 |
| | Heroin | 1 | 33.3 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 |
| | Cocaine | 2 | 66.7 | 3 | 50.0 | 1 | 20.0 | 0 | 0.0 | 1 | 100.0 |
| | Methamphetamines | 0 | 0.0 | 2 | 33.3 | 2 | 40.0 | 3 | 100.0 | 0 | 0.0 |
| Provider | STD clinic | 3 | 37.5 | 6 | 46.2 | 4 | 36.4 | 3 | 33.3 | 1 | 25.0 |
| | Family Planning | 0 | 0.0 | 1 | 7.7 | 1 | 9.1 | 1 | 11.1 | 1 | 25.0 |
| | Correctional facility | 1 | 12.5 | 3 | 23.1 | 1 | 9.1 | 1 | 11.1 | 0 | 0.0 |
| | Public clinic | 1 | 12.5 | 1 | 7.7 | 2 | 18.2 | 1 | 11.1 | 0 | 0.0 |
| | Private provider | 2 | 25.0 | 2 | 15.4 | 3 | 27.3 | 2 | 22.2 | 1 | 25.0 |
| | Other provider | 1 | 12.5 | 0 | 0.0 | 0 | 0.0 | 1 | 11.1 | 1 | 25.0 |
| Pregnant partner? (among males) | | 1 | 12.5 | 0 | 0.0 | 1 | 16.7 | 0 | 0.0 | 0 | 0.0 |
| Pregnant? (among females) | | 0 | 0.0 | 0 | 0.0 | 1 | 20.0 | 1 | 25.0 | 1 | 50.0 |
| Previous syphilis? | | 0 | 0.0 | 1 | 7.7 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 |
| Currently incarcerated | | 1 | 12.5 | 4 | 30.8 | 1 | 9.1 | 1 | 11.1 | 0 | 0.0 |
| Past incarcerated | | 1 | 12.5 | 6 | 46.2 | 1 | 9.1 | 2 | 22.2 | 0 | 0.0 |
| Condom used at last sex | | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 1 | 11.1 | 1 | 25.0 |
| Imported outside county | Yes | 1 | 12.5 | 0 | 0.0 | 1 | 9.1 | 2 | 22.2 | 1 | 25.0 |
| | Probable | 1 | 12.5 | 3 | 23.1 | 2 | 18.2 | 1 | 11.1 | 0 | 0.0 |
| | Possible | 1 | 12.5 | 1 | 7.7 | 0 | 0.0 | 0 | 0.0 | 1 | 25.0 |
| | No | 3 | 37.5 | 5 | 38.5 | 5 | 45.5 | 3 | 33.3 | 1 | 25.0 |
| | Unknown | 2 | 25.0 | 4 | 30.8 | 3 | 27.3 | 3 | 33.3 | 1 | 25.0 |

¹ Includes health jurisdictions of Fresno, Inyo, Kern, Kings, Madera, Merced, Monterey, San Benito, San Luis Obispo, Santa Barbara, Santa Cruz, Tulare, Ventura

² Importation status determined through a combination of reported interview period exposure location and residence of sex partners

Table 7a: Health Jurisdictions of P&S Syphilis Cases, SOUTHERN REGION¹, 2000 - first half 2002

| | 2000a | | 2000b | | 2001a | | 2001b | | 2002a | |
|-----------------------------|-------|------|-------|------|-------|------|-------|------|-------|------|
| | N=122 | % | N=102 | % | N=135 | % | N=169 | % | N=212 | % |
| Health Jurisdiction: | | | | | | | | | | |
| ORANGE | 14 | 11.5 | 14 | 13.7 | 23 | 17.0 | 16 | 9.5 | 13 | 6.1 |
| RIVERSIDE | 1 | 0.8 | 5 | 4.9 | 4 | 3.0 | 13 | 7.7 | 16 | 7.5 |
| SAN BERNARDINO | 3 | 2.5 | 7 | 6.9 | 1 | 0.7 | 5 | 3.0 | 1 | 0.5 |
| LONG BEACH | 12 | 9.8 | 7 | 6.9 | 10 | 7.4 | 11 | 6.5 | 23 | 10.8 |
| PASADENA | 0 | 0.0 | 0 | 0.0 | 2 | 1.5 | 3 | 1.8 | 2 | 0.9 |
| SAN DIEGO | 14 | 11.5 | 14 | 13.7 | 11 | 8.1 | 17 | 10.1 | 7 | 3.3 |
| LOS ANGELES | 78 | 63.9 | 55 | 53.9 | 84 | 62.2 | 104 | 61.5 | 151 | 71.2 |

Table 7b: Characteristics of MSM P&S Syphilis Cases, SOUTHERN REGION¹, 2000-first half 2002

| | 2000a | | 2000b | | 2001a | | 2001b | | 2002a | |
|--------------------------------|-------|------|-------|------|-------|------|-------|------|-------|------|
| | N=66 | % | N=51 | % | N=93 | % | N=110 | % | N=163 | % |
| Age group | | | | | | | | | | |
| <20 | 0 | 0.0 | 1 | 2.0 | 1 | 1.1 | 2 | 1.8 | 0 | 0.0 |
| 20-24 | 4 | 6.1 | 5 | 9.8 | 7 | 7.5 | 12 | 10.9 | 8 | 4.9 |
| 25-29 | 8 | 12.1 | 3 | 5.9 | 18 | 19.4 | 18 | 16.4 | 27 | 16.6 |
| 30-34 | 19 | 28.8 | 11 | 21.6 | 23 | 24.7 | 19 | 17.3 | 32 | 19.6 |
| 35-39 | 19 | 28.8 | 15 | 29.4 | 23 | 24.7 | 26 | 23.6 | 37 | 22.7 |
| 40-44 | 8 | 12.1 | 7 | 13.7 | 11 | 11.8 | 12 | 10.9 | 31 | 19.0 |
| 45-49 | 6 | 9.1 | 5 | 9.8 | 5 | 5.4 | 13 | 11.8 | 16 | 9.8 |
| 50+ | 2 | 3.0 | 4 | 7.8 | 5 | 5.4 | 8 | 7.3 | 12 | 7.4 |
| Race | | | | | | | | | | |
| White | 30 | 45.5 | 29 | 56.9 | 40 | 43.0 | 47 | 42.7 | 80 | 49.1 |
| Latino | 22 | 33.3 | 17 | 33.3 | 32 | 34.4 | 40 | 36.4 | 49 | 30.1 |
| Black | 11 | 16.7 | 3 | 5.9 | 16 | 17.2 | 13 | 11.8 | 22 | 13.5 |
| Asian | 2 | 3.0 | 2 | 3.9 | 3 | 3.2 | 6 | 5.5 | 7 | 4.3 |
| Native American | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 1 | 0.6 |
| Unknown | 1 | 1.5 | 0 | 0.0 | 2 | 2.2 | 4 | 3.6 | 4 | 2.5 |
| Gender of sex partners | | | | | | | | | | |
| Male Homosexual | 55 | 83.3 | 47 | 92.2 | 85 | 91.4 | 100 | 90.9 | 144 | 88.3 |
| Male Bisexual | 11 | 16.7 | 4 | 7.8 | 8 | 8.6 | 10 | 9.1 | 19 | 11.7 |
| HIV status | | | | | | | | | | |
| Positive | 37 | 56.1 | 22 | 43.1 | 54 | 58.1 | 60 | 54.5 | 93 | 57.1 |
| Negative | 17 | 25.8 | 26 | 51.0 | 26 | 28.0 | 37 | 33.6 | 47 | 28.8 |
| Unknown | 12 | 18.2 | 3 | 5.9 | 13 | 14.0 | 13 | 11.8 | 23 | 14.1 |
| Anonymous partners | 36 | 54.5 | 29 | 56.9 | 62 | 66.7 | 73 | 66.4 | 122 | 74.8 |
| Any drug use | 17 | 25.8 | 13 | 25.5 | 24 | 25.8 | 44 | 40.0 | 37 | 22.7 |
| Crack | 4 | 23.5 | 1 | 7.7 | 1 | 4.2 | 2 | 4.5 | 4 | 10.8 |
| Heroin | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 1 | 2.7 |
| Cocaine | 5 | 29.4 | 2 | 15.4 | 3 | 12.5 | 2 | 4.5 | 1 | 2.7 |
| Methamphetamines | 11 | 64.7 | 7 | 53.8 | 8 | 33.3 | 14 | 31.8 | 20 | 54.1 |
| Provider | | | | | | | | | | |
| EIP/HIV care facility | 13 | 19.7 | 6 | 11.8 | 21 | 22.6 | 24 | 21.8 | 11 | 6.7 |
| STD clinic | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 7 | 6.4 | 0 | 0.0 |
| Correctional facility | 2 | 3.0 | 1 | 2.0 | 1 | 1.1 | 0 | 0.0 | 0 | 0.0 |
| Public clinic | 24 | 36.4 | 18 | 35.3 | 28 | 30.1 | 23 | 20.9 | 48 | 29.4 |
| Private provider | 26 | 39.4 | 22 | 43.1 | 42 | 45.2 | 54 | 49.1 | 49 | 30.1 |
| Other provider | 1 | 1.5 | 4 | 7.8 | 1 | 1.1 | 2 | 1.8 | 22 | 13.5 |
| Unknown | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 33 | 20.2 |
| Previous syphilis? | 8 | 12.1 | 6 | 11.8 | 11 | 11.8 | 16 | 14.5 | 15 | 9.2 |
| Meets partners at | | | | | | | | | | |
| Bars/Clubs | 26 | 39.4 | 13 | 25.5 | 37 | 39.8 | 48 | 43.6 | 53 | 32.5 |
| Bathhouse | 18 | 27.3 | 7 | 13.7 | 16 | 17.2 | 23 | 20.9 | 38 | 23.3 |
| Sex clubs | 1 | 1.5 | 0 | 0.0 | 6 | 6.5 | 8 | 7.3 | 11 | 6.7 |
| Internet | 5 | 7.6 | 3 | 5.9 | 12 | 12.9 | 15 | 13.6 | 33 | 20.2 |
| Resorts | 0 | 0.0 | 0 | 0.0 | 2 | 2.2 | 3 | 2.7 | 4 | 2.5 |
| Condom used at last sex | 14 | 21.2 | 12 | 23.5 | 24 | 25.8 | 29 | 26.4 | 46 | 28.2 |
| Imported outside county | | | | | | | | | | |
| Yes | 2 | 3.0 | 2 | 3.9 | 3 | 3.2 | 12 | 10.9 | 5 | 3.1 |
| Probable | 2 | 3.0 | 8 | 15.7 | 10 | 10.8 | 13 | 11.8 | 10 | 6.1 |
| Possible | 14 | 21.2 | 15 | 29.4 | 19 | 20.4 | 14 | 12.7 | 39 | 23.9 |
| No | 30 | 45.5 | 10 | 19.6 | 14 | 15.1 | 11 | 10.0 | 15 | 9.2 |
| Unknown | 18 | 27.3 | 16 | 31.4 | 47 | 50.5 | 60 | 54.5 | 94 | 57.7 |

Table 7c: Characteristics of NON-MSM and Unknown (gender of sex partners) P&S Syphilis Cases, SOUTHERN REGION¹, 2000 - first half 2002

| | | 2000a | | 2000b | | 2001a | | 2001b | | 2002a | |
|---------------------------------|-----------------------|-------|------|-------|------|-------|------|-------|------|-------|------|
| | | N=56 | % | N=51 | % | N=42 | % | N=59 | % | N=49 | % |
| Sex | M | 38 | 67.9 | 34 | 66.7 | 27 | 64.3 | 50 | 84.7 | 38 | 77.6 |
| | F | 18 | 32.1 | 17 | 33.3 | 15 | 35.7 | 9 | 15.3 | 11 | 22.4 |
| Age group | <20 | 2 | 3.6 | 1 | 2.0 | 5 | 11.9 | 3 | 5.1 | 1 | 2.0 |
| | 20-24 | 6 | 10.7 | 9 | 17.6 | 4 | 9.5 | 9 | 15.3 | 4 | 8.2 |
| | 25-29 | 11 | 19.6 | 8 | 15.7 | 5 | 11.9 | 6 | 10.2 | 6 | 12.2 |
| | 30-34 | 8 | 14.3 | 10 | 19.6 | 3 | 7.1 | 15 | 25.4 | 7 | 14.3 |
| | 35-39 | 10 | 17.9 | 8 | 15.7 | 5 | 11.9 | 12 | 20.3 | 15 | 30.6 |
| | 40-44 | 8 | 14.3 | 4 | 7.8 | 8 | 19.0 | 7 | 11.9 | 6 | 12.2 |
| | 45-49 | 6 | 10.7 | 4 | 7.8 | 9 | 21.4 | 4 | 6.8 | 5 | 10.2 |
| | 50+ | 5 | 8.9 | 7 | 13.7 | 3 | 7.1 | 3 | 5.1 | 5 | 10.2 |
| Race | White | 11 | 19.6 | 13 | 25.5 | 8 | 19.0 | 16 | 27.1 | 13 | 26.5 |
| | Latino | 23 | 41.1 | 23 | 45.1 | 23 | 54.8 | 27 | 45.8 | 17 | 34.7 |
| | Black | 19 | 33.9 | 14 | 27.5 | 11 | 26.2 | 12 | 20.3 | 15 | 30.6 |
| | Asian | 2 | 3.6 | 0 | 0.0 | 0 | 0.0 | 1 | 1.7 | 2 | 4.1 |
| | Unknown | 1 | 1.8 | 1 | 2.0 | 0 | 0.0 | 3 | 5.1 | 2 | 4.1 |
| Gender of sex partners | Male Hetero | 25 | 44.6 | 24 | 47.1 | 23 | 54.8 | 26 | 44.1 | 23 | 46.9 |
| | Female Hetero | 14 | 25.0 | 11 | 21.6 | 14 | 33.3 | 8 | 13.6 | 10 | 20.4 |
| | Female Bisexual | 0 | 0.0 | 2 | 3.9 | 1 | 2.4 | 0 | 0.0 | 0 | 0.0 |
| | Transgender | 3 | 5.4 | 2 | 3.9 | 0 | 0.0 | 3 | 5.1 | 0 | 0.0 |
| | Male Unknown | 10 | 17.9 | 8 | 15.7 | 4 | 9.5 | 21 | 35.6 | 15 | 30.6 |
| | Female Unknown | 4 | 7.1 | 4 | 7.8 | 0 | 0.0 | 1 | 1.7 | 1 | 2.0 |
| HIV status | Positive | 3 | 5.4 | 2 | 3.9 | 1 | 2.4 | 7 | 11.9 | 6 | 12.2 |
| | Negative | 28 | 50.0 | 26 | 51.0 | 23 | 54.8 | 23 | 39.0 | 22 | 44.9 |
| | Unknown | 25 | 44.6 | 23 | 45.1 | 18 | 42.9 | 29 | 49.2 | 21 | 42.9 |
| Received sex for \$/drugs | | 3 | 5.4 | 5 | 9.8 | 6 | 14.3 | 4 | 6.8 | 3 | 6.1 |
| Received \$/drugs for sex | | 11 | 19.6 | 10 | 19.6 | 9 | 21.4 | 2 | 3.4 | 4 | 8.2 |
| Any drug use | | 11 | 19.6 | 11 | 21.6 | 8 | 19.0 | 12 | 20.3 | 12 | 24.5 |
| | Crack | 1 | 1.8 | 3 | 5.9 | 4 | 9.5 | 2 | 3.4 | 3 | 6.1 |
| | Heroin | 1 | 1.8 | 2 | 3.9 | 1 | 2.4 | 1 | 1.7 | 0 | 0.0 |
| | Cocaine | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 |
| | Methamphetamines | 2 | 3.6 | 3 | 5.9 | 2 | 4.8 | 3 | 5.1 | 1 | 2.0 |
| Provider | EIP/HIV care facility | 1 | 1.8 | 1 | 2.0 | 1 | 2.4 | 1 | 1.7 | 4 | 8.2 |
| | STD clinic | 0 | 0.0 | 1 | 2.0 | 1 | 2.4 | 2 | 3.4 | 0 | 0.0 |
| | Family Planning | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 1 | 2.0 |
| | Correctional facility | 4 | 7.1 | 4 | 7.8 | 4 | 9.5 | 2 | 3.4 | 1 | 2.0 |
| | Public clinic | 22 | 39.3 | 23 | 45.1 | 17 | 40.5 | 20 | 33.9 | 10 | 20.4 |
| | Private provider | 23 | 41.1 | 21 | 41.2 | 16 | 38.1 | 30 | 50.8 | 16 | 32.7 |
| | Other provider | 6 | 10.7 | 1 | 2.0 | 3 | 7.1 | 4 | 6.8 | 3 | 6.1 |
| | Unknown | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 14 | 28.6 |
| Pregnant partner? (among males) | | 0 | 0 | 1 | 2.9 | 3 | 11.1 | 0 | 0.0 | 1 | 2.6 |
| Pregnant? (among females) | | 3 | 16.7 | 1 | 5.9 | 1 | 6.7 | 3 | 6.0 | 0 | 0.0 |
| Previous syphilis? | | 2 | 3.6 | 0 | 0.0 | 3 | 7.1 | 3 | 5.1 | 2 | 4.1 |
| Currently incarcerated | | 4 | 7.1 | 4 | 7.8 | 5 | 11.9 | 2 | 3.4 | 1 | 2.0 |
| Past incarcerated | | 8 | 14.3 | 6 | 11.8 | 6 | 14.3 | 4 | 6.8 | 2 | 4.1 |
| Condom used at last sex | | 4 | 7.1 | 4 | 7.8 | 6 | 14.3 | 9 | 15.3 | 11 | 22.4 |
| Imported outside county | | | | | | | | | | | |
| | Yes | 9 | 16.1 | 1 | 2.0 | 2 | 4.8 | 4 | 6.8 | 2 | 4.1 |
| | Probable | 8 | 14.3 | 6 | 11.8 | 2 | 4.8 | 8 | 13.6 | 6 | 12.2 |
| | Possible | 3 | 5.4 | 7 | 13.7 | 4 | 9.5 | 1 | 1.7 | 5 | 10.2 |
| | No | 14 | 25.0 | 12 | 23.5 | 11 | 26.2 | 8 | 13.6 | 3 | 6.1 |
| | Unknown | 22 | 39.3 | 25 | 49.0 | 23 | 54.8 | 38 | 64.4 | 33 | 67.3 |

¹ Includes health jurisdictions of Orange, Riverside, San Bernardino, Long Beach, Pasadena, San Diego, and Los Angeles

² Importation status determined through a combination of reported interview period exposure location and residence of sex partners